

PATENT
Attorney Docket No. P04560US0

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent application of: Thomas L. McDonald and Annika Weber
For: DIAGNOSTIC ASSAYS OF SECRETED BIOLOGICAL FLUIDS FOR DETECTION OF
INFECTION AND INFLAMMATORY CONDITIONS,

the specification of which is being transmitted herewith.

INFORMATION DISCLOSURE STATEMENT

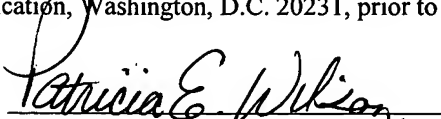
Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Attached are Forms PTO/SB/08A and 08B (formerly Form PTO-1449) listing the relevant art known to the applicant herein. The Examiner is requested to consider the references and make them of record. This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application Serial No. PCT/US99/19418, filed on August 25, 1999. The following references were submitted to, and/or cited by, the Patent Office in the prior application(s) and, therefore, are not required to be provided in this application: 4,425,330 issued 01/10/84, Norcross et al., "Bovine Mastitis Vaccine and Method for Detecting Efficacy Thereof; 5,585,098 issued 12/17/96, Coleman, "Oral Administration of Chicken Yolk Immunoglobulins to Lower Somatic Cell Count in the Milk of Lactating Ruminants; 5,536,640 issued 07/16/96, Sipe et al., "Ligand/Anti-Ligand Assays for Adherent Proteins"; 4,377,569 issued 03/22/83, Plymate,

CERTIFICATE OF MAILING BY EXPRESS MAIL

I hereby certify that this document and the documents referred to as enclosed therein are being deposited with the U.S. Postal Service in an envelope as "Express Mail Post Office to Addressee" addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231, prior to 5:00 p.m. on the 25th day of February, 2002.


Patricia E. Wilson
Express Mail Label # EV060193419US

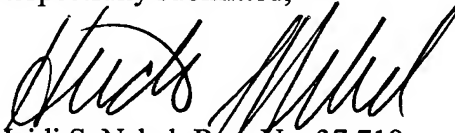
"Method of Treating Animals to Resist Infectious Diseases"; and 5,700,465 issued 12/23/97, Tao et al., "Bovine Serum and Bovine IGG as Preventives and Therapeutics for Bovine Mastitis".

Applicants submit herewith patents, publications or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose. Legible copies of all items listed in Forms PTO/SB/08A and 08B (formerly Form PTO-1449) accompany this information statement, except those identified above.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

Respectfully submitted,



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Attorneys of Record

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	
		Filing Date	February 25, 2002
		First Named Inventor	Thomas L. McDonald
		Art Unit	
		Examiner Name	
Sheet 1 of 2	Attorney Docket Number	P04560US0	

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-5,807,684	09/15/1998	Simmons, et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁶ Applicant is to place a check mark here if English language Translation is attached.

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Sheet 2 of 2	Attorney Docket Number	P04560US0	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Hirvonen, et al., "Acute Phase Response in Heifers with Experimentally Induced Mastitis", <u>J. of Dairy Res.</u> 63:351-360 (1996)	
		Huszenicza, et al., "Diagnostic Value of Certain Mastitis Markers in Following Up the Clinical and Bacteriological Changes in Pharmacotherapeutic Studies", <u>Acta Veterinaria Hungarica</u> 45(4):409-416 (1997)	
		McDonald, et al., "A Monoclonal Antibody Sandwich Immunoassay for Serum Amyloid A (SAA) Protein", <u>J. Immun. Methods</u> 144:149-155 (1991)	
		Satoh, et al., "Sandwich Enzyme-Linked Immunosorbent Assay for Quantitative Measurement of Serum Amyloid A Protein in Horses", <u>Am. J. Vet Res.</u> 56(10):1286-1291	
		Taktak, et al., "A Solid Phase Enzyme Immunoassay for Serum Amyloid A (SAA) Protein", <u>J. Immun. Methods</u> 136:11-16 (1991)	
		Wilkins, et al., "Rapid Automated Enzyme Immunoassay of Serum Amyloid A", <u>Clinical Chemistry</u> 40(7):1284-1290 (1994)	
		Zank, et al., "Assessment of Subacute Mammary Inflammation by Soluble Biomarkers in Comparison to Somatic Cell Counts in Quarter Milk Samples from Dairy Cows", <u>J. Vet. Med.</u> 45:41-51 (1998)	

Examiner Signature		Date Considered	
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